



TSC PURALLOY® GRADE D SOLDER ALLOY

DESCRIPTION

TSC PURALLOY® Grade D (30/70) solder alloy is typically used in industrial applications where a large pasty range is needed to create a certain fillet joint or coverage across the metal substrate. This easily workable solder alloy finds its way into the automotive trade where it's the go to solder for Lead Loading techniques on older historical vehicles needing repair to fill in damage and indentations. Works with all flux types.

TSC PURALLOY® Grade D solder alloy is available in 1/2 kg Bars, Tinmans, Blowpipe & Solid Wire. Other formats may be available on request.

Product Features & Benefits

- Liquidus range 183-258°C
- Low impurity levels.
- Refined grain structure.
- Meets BS 9453 2020
- Grade D is composed of Tin, Antimony and Lead
- Density: 1.35

TYPICAL COMPOSITION

Typical Alloy Composition		
Sn: 30.0	Pb: BAL	Sb: 1.5

MELTING TEMPERATURE RANGE

Typical Melting Temperature
183°C-258°C

HANDLING & STORAGE

Indefinite shelf life applies to solid solder. For other product categories, refer to those specific TDS's. Consult Grade D MSDS for additional handling procedures and precautions.

HEALTH & SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.